IN THE ABSTRACT:

The Abstract as amended below with a replacement Abstract shows added text with underlining and deleted text with ~~strikethrough~~.

Please **REPLACE** the Abstract as marked below to show changes. The replacement Abstract is submitted on a separate sheet (37 CFR 1.72).

~~A difference~~Difference data reception unit ~~32~~receives difference data for all ~~the~~ segments and stores it in ~~a~~ nonvolatile memory. ~~A restoration~~Restoration processing unit stores ~~the~~ restoration process segment number ~~X~~ indicative ~~of a~~ current process segment in the nonvolatile memory, and then restores ~~the~~ segment data from ~~the~~ difference data and stores it in ~~the~~ nonvolatile memory. ~~An overwrite~~Overwrite processing unit stores ~~the~~ overwrite processing segment number ~~X-1~~ indicative of ~~an~~ immediately preceding process segment ~~in the~~ nonvolatile memory, and then reads ~~the~~ restored data which is restored on the immediately preceding segment from ~~the~~ nonvolatile memory and overwrites it onto the data to be written of the volatile memory. If the power supply is interrupted during ~~the~~ restoration process of ~~the~~ segment data, a resuming processing unit resumes ~~the~~ restoration process from the head of the segment of the restoration process segment number ~~which is read from the nonvolatile memory after the power supply is recovered,~~ and if the power supply is interrupted during the overwriting process of the segment data, resumes the overwriting process from the head of the overwrite processing segment number ~~which is read from the nonvolatile memory after the power supply is recovered~~.

ABSTRACT OF THE DISCLOSURE

Difference data reception unit receives difference data for all segments and stores it in nonvolatile memory. Restoration processing unit stores restoration process segment number indicative current process segment in the nonvolatile memory, and then restores segment data from difference data and stores it in nonvolatile memory. Overwrite processing unit stores overwrite processing segment number indicative of immediately preceding process segment nonvolatile memory, and then reads restored data which is restored on the immediately preceding segment from nonvolatile memory and overwrites it onto the data to be written of the volatile memory. If the power supply is interrupted during restoration process of segment data, a resuming processing unit resumes restoration process from the head of the segment of the restoration process segment number and if the power supply is interrupted during the overwriting process of the segment data, resumes the overwriting process from the head of the overwrite processing segment number.